

Remote Sensing Applications in Pest Detection & Monitoring

The Remote Sensing Applications Center (RSAC) is pleased to offer its Remote Sensing Applications in Pest Detection & Monitoring course.

Primary objective:

This course covers all aspects of applying remotely sensed data for pest detection and monitoring.

Course Description:

This course provides current information, discussion topics, small group projects, and case studies that illustrate application of Remote Sensing, GPS, GIS, and various support technologies to Forest Health Protection needs. It utilizes subject area specialists to provide updates on technologies and methods that can be used to detect, monitor, survey, quantify, and distribute information on forest pest conditions. It includes information on project planning and design, stratification, sampling, accuracy assessment as these pertain to remote sensing data capture and analysis.

Target Audience:

Project leaders, managers, and technical specialists who are involved in Forest Health Protection activities such as Forest Health Monitoring, Forest Pest Research, Forest Plans Implementation and Update, or other inventory or monitoring activities.

Prerequisites:

No previous experience required except a willingness to learn in an informal and interactive environment.

Course Duration: 3 days.

Tuition: \$275.

Format: Classroom discussions & various exercises.

Maximum Class Size: 36

Minimum Class Size: 12

What you will learn:

- How to increase effectiveness in detecting and monitoring forest pests by integrating appropriate remote sensing and related technologies and methods into operational Forest Health Protection programs.
- How to improve efficiency and timeliness in providing results of detection, inventory, monitoring, and analysis from Forest Pest Management operations.
- How to identify applicability of remote sensing and support technologies for specific pest detection, monitoring, inventory, and analysis problems.
- How to identify and specify equipment, staff, and training needs to support operational Forest Health Protection activities and programs.

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